In The Claims

Claim 1 has been amended as follows:

1. (Twice Amended) A gaseous flow sensor comprising:

a substrate formed of an electrically insulating material;

a reference resistor formed on said substrate and disposed in a gaseous flow at an ambient temperature without heating;

a flow-sensing resistor formed on said substrate and disposed in said gaseous flow heated to a temperature higher than said ambient temperature, wherein said reference resistor and said flow-sensing resistor are formed of a resistive material of an oxide; and

an electrical circuit in electrical communication with said reference resistor and said flow-sensing resistor.

Claim 2 has been amended as follows:

2. (Amended) A gaseous flow sensor according to claim 1, wherein said resistive material comprises an oxide composition of Pb, Ru, Si and Bi.

Claim 10 has been amended as follows:

B3

10. (Twice Amended) A gaseous flow sensor comprising:

a substrate formed of an electrically insulating material;

a reference resistor formed on said substrate and disposed in a gaseous flow at an ambient temperature without heating;

a flow-sensing resistor formed on said substrate and disposed in said gaseous flow heated to a temperature higher than said ambient temperature, wherein said reference resistor and said flow-sensing resistor both are formed of a resistive material of an oxide; and

an electrical circuit in electrical communication with said reference resistor and said flow-sensing resistor.

Claim 12 has been amended as follows:

B4

12. (Amended) An airflow meter according to claim 10, wherein said substrate is formed of a ceramic material.

Claim 13 has been amended as follows:

13. (Amended) An airflow meter according to claim 11, wherein said first resistor is formed in a serpentine configuration.

Claim 14 has been amended as follows:

14. (Amended) An airflow meter according to claim 11, wherein said first resistor being formed in a serpentine configuration having an aspect ratio (length/width of resistor) of at least 2.

Claim 15 has been amended as follows:

15. (Amended) An airflow meter according to claim 11, wherein said first and second resistors are formed with a thickness between about 2 μm and about 30 μm.

Claim 16 has been amended as follows:

16. (Amended) An airflow meter according to claim 11, wherein said first and second resistors are formed of a resistive material of an oxide.

Claim 17 has been amended as follows:

17. (Amended) A method for fabricating a gaseous flow sensor comprising the steps of:

thick film printing a reference resistor from an oxide containing paste;

thick film printing a flow-sensing resistor from an oxide containing paste;

forming a circuit for providing electrical communication between said reference resistor and said flow-sensing resistor and for determining a differential resistance therein between.

REMARKS

Thorough examination and careful review of the application by the Examiner is noted and appreciated.

Claims 1-8 and 10-21 are pending in the application. Claims 1-8 and 10-21 stand rejected.

Claim Rejections Under 35 USC §112

Claims 12-16 are rejected under 35 USC §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention.